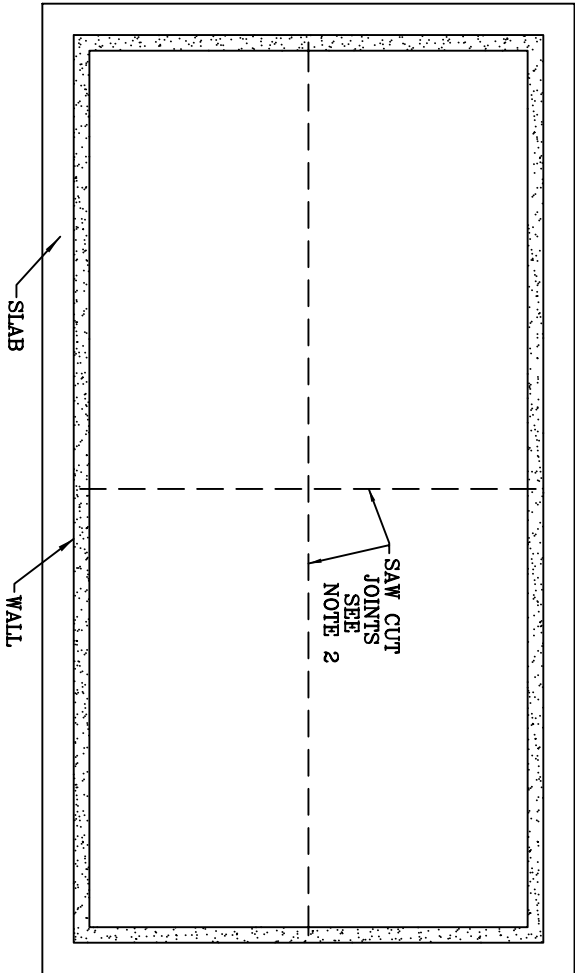
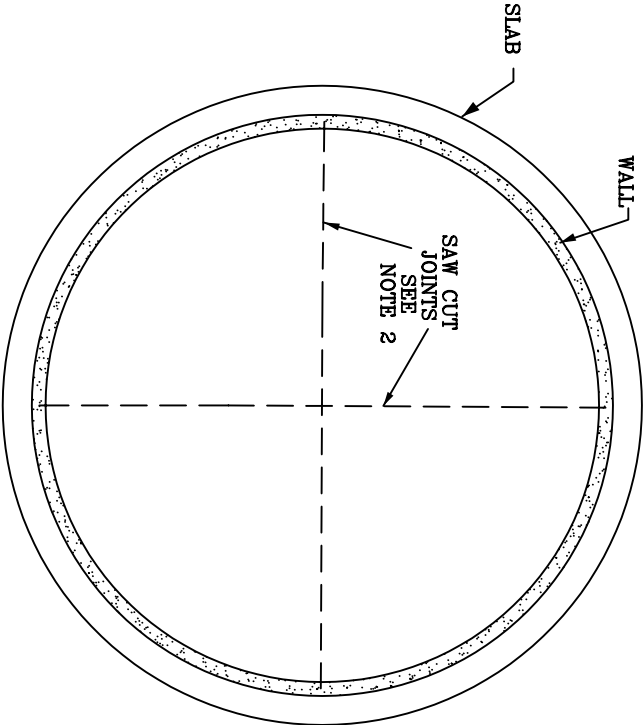


RECTANGULAR TANK



CIRCULAR TANK

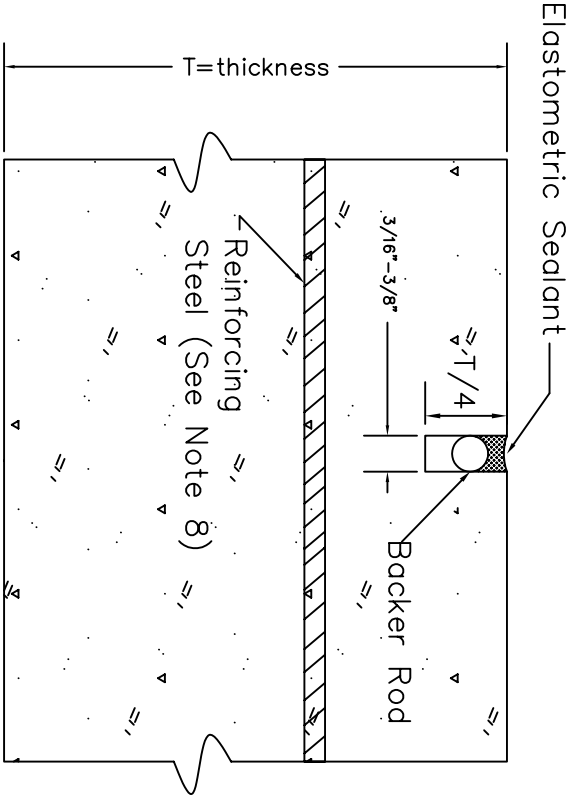


FLOOR STEEL *

DISTANCE BETWEEN JOINTS	FOR 5" THICK FLOOR	
	As	EXAMPLE
≤ 30'	.029	6x6-W1.4xW1.4 (10ga.)
> 30' ≤ 60'	.058	6x6-W2.9xW2.9 (6 ga.)
> 60' ≤ 90'	.087	#3 @ 15"
> 90' ≤ 140'	.12	#4 @ 18"
> 140' ≤ 200'	.19	#4 @ 12"

* This table is for floors on coarse granular or cohesive material. For floors on sand or pervious geotextile, As may be reduced 50%.

SAW CUT
Control Joint



NOTES:

1. Joints shall be saw cut as soon as aggregate is set, but no later than 24 hours after the concrete placement.
2. Joint layout, design and sealant shall be approved by the Engineer.
3. The saw cut depth shall be a minimum of 1/4 the thickness of the slab, to a maximum of 2".
4. Sealant shall not be used when temperature is below 40 F or above 100 F unless approved by the NRCS Engineer.
5. A primer may be required for joints that will be subject to immersion after cure. Use as specified by the sealant manufacturer.
6. A backer rod shall be used to set the depth of the sealant and shall be slightly larger than the width of the saw cut.
7. Sealant depth shall be a minimum of 1/4" and not more than 1/2", except that in traffic areas, the minimum depth of sealant is 1/2".
8. Cut 50% of the reinforcing steel directly under the joint.

Placement Procedure:

- a) Joints shall be dry and free from dirt, grease, loose mortar or any foreign matter.
- b) Prime joint surfaces as recommended by the manufacturer. Allow required drying time before applying sealant.
- c) Install approved backer rod uniformly to the designed depth. Generally 1/4" to 3/8".
- d) Install sealant into the prepared joint. Place the nozzle of the gun to the backer rod and fill the entire joint. Keep the tip of the nozzle in the sealant, continue on with a steady flow of sealant proceeding the nozzle to avoid air entrapment. Avoid overlapping the sealant to eliminate the entrapment of air.
- e) Tool, as required, to properly fill the joint.
- f) Provide curing time, as required by the manufacturer, before allowing traffic or subjecting to immersion.



_____ COUNTY, PENNSYLVANIA
LIQUID-TIGHT SLAB JOINTS

Date **6/02**
Designed **A. WOOD**
Drawn _____
Checked _____
Approved by _____

File No. **PA-069.dwg**
Drawing No. **06/05/07 13:01**
PA-069
Sheet **1** of **1**